

What is Claimed is:

1 1. A method for estimating noise in an integrated circuit
2 substrate, comprising the steps of:
3 creating a model file for a technology process for fabricating the
4 integrated circuit;
5 estimating noise generated by a digital circuit and input/output
6 circuitry to be implemented in the integrated circuit;
7 generating a substrate netlist for the integrated circuit;
8 determining a floorplan for the integrated circuit;
9 running transient simulations with predetermined input values;
10 determining if predetermined noise requirements are met in
11 results of the transient simulations.